

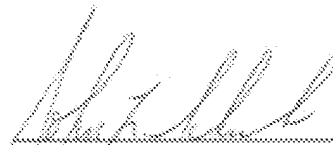
IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number: 09/478,299
Applicants: John L. Schenk
Filed: January 5, 2000
Title: Method of Cryopreserving Selected Sperm Cells
Group Art Unit: 1654
Examiner: M. Meller
Assignee: XY, Inc.
Attorney Docket: 22091-701
Customer No.: 33549

CERTIFICATION

I, John L. Schenk, certify that the attached data regarding the effect of dilution on 5°C cooled sperm was documented and observed by myself in August 2006. The objective of this experiment was to accomplish continuity data for sperm motility at dilution concentrations between 5×10^6 sperm/ml and 10×10^6 sperm/ml.

Dated this 22 day of September, 2006.

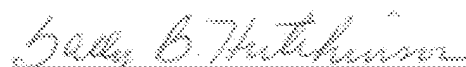

John L. Schenk

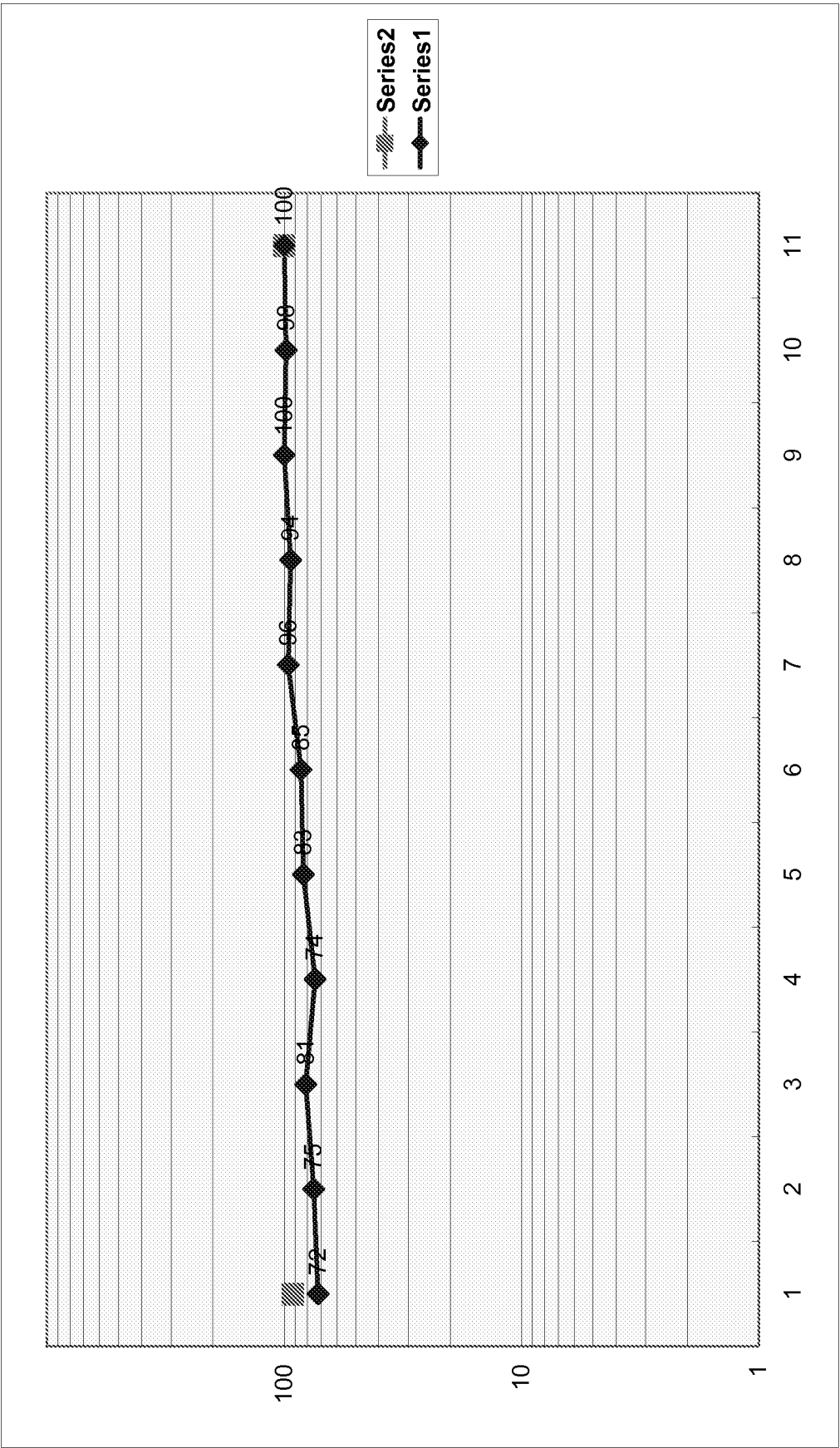
UNITED STATES OF AMERICA)
STATE OF COLORADO)ss.
COUNTY OF LARIMER)

SUBSCRIBED AND SWORN to before me in the County of Larimer, State of Colorado, United States of America, by John L. Schenk, this 22 day of September, 2006.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public in and for the State of Colorado.




Notary Public
My Commission Expires: 7/18/2009



Bull	Sperm/ml	John 24h	Kathy 24h
HO040	5.00	30	35
HO040	5.50	30	35
HO040	6.00	30	45
HO040	6.50	40	40
HO040	7.00	45	45
HO040	7.50	45	40
HO040	8.00	45	45
HO040	8.50	45	45
HO040	9.00	50	50
HO040	9.50	45	45
HO040	10.00	50	45
HO047	5.00	20	35
HO047	5.50	25	35
HO047	6.00	25	35
HO047	6.50	20	25
HO047	7.00	20	35
HO047	7.50	25	35
HO047	8.00	35	40
HO047	8.50	30	40
HO047	9.00	35	40
HO047	9.50	35	35
HO047	10.00	40	30
HO048	5.00	30	40
HO048	5.50	30	45
HO048	6.00	35	45
HO048	6.50	30	40
HO048	7.00	35	40
HO048	7.50	35	45
HO048	8.00	45	45
HO048	8.50	45	45
HO048	9.00	45	45
HO048	9.50	50	50
HO048	10.00	55	45